

PRO
 10/611344
 06/30/03



UTILITY PATENT APPLICATION TRANSMITTAL
 (Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 042390.P15762
 (maximum 12 characters)

First Named Inventor William W.. Macy et al.

Title: "METHOD AND APPARATUS FOR SHUFFLING DATA"

Express Mail Label No. EV 339 922 975 US

ADDRESS TO: Commissioner for Patents
Mail Stop Patent Application
P.O. Box 1450
Alexandria VA 22313-1450

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. **Fee Transmittal Form (e.g., PTO/SB/17)**
 (Submit an original and a duplicate for fee processing)
2. **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3. **Specification (Total Pages 79)**
 (preferred arrangement set forth below)
 - Descriptive Title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. **Drawings (35 USC 113) (Total Sheets 30)**
5. **Oath or Declaration (4) Total Pages (Unsigned)**
 - a. Newly Executed (Original or Copy)
 - b. Copy from a Prior Application (37 CFR 1.63(d))
 (for Continuation/Divisional with Box 18 completed)
 - i. **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
 - c. Unsigned.
6. **Application Data Sheet. (37 CFR 1.76)**
7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
 (if applicable, all necessary)
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statement verifying identity of above copies

16638 U.S. PTO
06/30/03

FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ 1,764.00)

Complete if Known	
Application Number	Unassigned
Filing Date	June 30, 2003
First Named Inventor	William W. Macy, Jr.
Examiner Name	Unknown
Group/Art Unit	Unassigned
Attorney Docket No.	42P15762

METHOD OF PAYMENT (check one)

Check Credit card Money Order Other None
 Deposit Account

Deposit Account Number **02-2666**
 Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) required under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1001	750	2001	375 Utility filing fee
1002	330	2002	165 Design filing fee
1003	520	2003	260 Plant filing fee
1004	750	2004	375 Reissue filing fee
1005	160	2005	80 Provisional filing fee
SUBTOTAL (1)		(\$)	750.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
53	20*	= 33 X 18.00 =	\$594.00
8	3* = 5 X 84.00 =		\$420.00
Multiple Dependent			

Large Entity	Small Entity	Fee Description
Fee Code	Fee (\$)	Fee Code
1202	18	2202 9 Claims in excess of 20
1201	84	2201 42 Independent claims in excess of 3
1203	280	2203 140 Multiple Dependent claim, if not paid
1204	84	2204 42 **Reissue independent claims over original patent
1205	18	2205 9 **Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 1,014.00)

**or number previously paid, if greater. For Reissues, see below

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)
1051	130	2051 65 Surcharge - late filing fee or oath	
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
2053	130	2053 130 Non-English specification	
1812	2,520	1812 2,520 For filing a request for ex parte reexamination	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840* Requesting publication of SIR after Examiner action	
1251	110	2251 55 Extension for reply within first month	
1252	410	2252 205 Extension for reply within second month	
1253	930	2253 465 Extension for reply within third month	
1254	1,450	2254 725 Extension for reply within fourth month	
1255	1,970	2255 985 Extension for reply within fifth month	
1404	320	2401 160 Notice of Appeal	
1402	320	2402 160 Filing a brief in support of an appeal	
1403	280	2403 140 Request for oral hearing	
1451	1,510	2451 1,510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive - unavoidable	
1453	1,300	2453 650 Petition to revive - unintentional	
1501	1,300	2501 650 Utility issue fee (or reissue)	
1502	470	2502 235 Design issue fee	
1503	630	2503 315 Plant issue fee	
1460	130	2460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
1809	750	1809 375 Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	750	2810 375 For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801 375 Request for Continued Examination (RCE)	
1802	900	1802 900 Request for expedited examination of a design application	
Other fee (specify)			

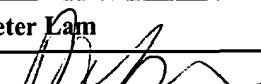
* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	Peter Lam	Registration No. (Attorney/Agent)	44,855	Telephone	(408) 720-8300
Signature				Date	6/30/03

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & documents(s))
 10. a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)
 b. Power of Attorney
 11. English Translation Document (if applicable)
 12. a. Information Disclosure Statement (IDS)/PTO-1449
 b. Copies of IDS Citations
 13. Preliminary Amendment
 14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
 15. Certified Copy of Priority Document(s) (if foreign priority is claimed)
 16. Request and Certification under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
 17A. Other: Application Title Page
Check in the amount of \$1764.00 for Application filing fee

The PTO did not receive the following listed items(s)

Ap 1764.00

- 17B. Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet Under 37 C.F.R. 1.76:

Continuation Divisional Continuation-In-Part (CIP)
 Of Prior Application No.: 09/952,891 Filed October 29, 2001; This application is also related to co-pending U.S. Patent Application No. /, entitled "Method And Apparatus For Parallel Table Lookup Using SIMD Instructions" filed on June 30, 2003; and co-pending U.S. Patent Application No. /, entitled "Method And Apparatus For Rearranging Data Between Multiple Registers" filed on June 30, 2003.

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.
 For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. <input type="checkbox"/> Correspondence Address <input checked="" type="checkbox"/> Customer Number or Bar Code Label <u>008791</u>	
or	
08791 <small>(Insert Customer No. Or Attach Bar Code Label here)</small>	
<input checked="" type="checkbox"/> Correspondence Address Below NAME <u>Peter Lam</u> ADDRESS <u>BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP</u> <u>12400 Wilshire Boulevard</u> <u>Seventh Floor</u> CITY <u>Los Angeles</u> STATE <u>California</u> ZIP CODE <u>90025-1026</u> Country <u>U.S.A.</u> TELEPHONE <u>(408) 720-8300</u> FAX <u>(408) 720-8383</u>	

Name (PRINT/TYPE): Peter Lam Registration N ..: 44,855
 Signature: [Signature] Date: 6/30/03